

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): William R. Haas, et al

C nfirmation No.:

Application N .:

Examiner:

Filing Date:

Group Art Unit:

Title: IMAGER SYSTEM AND METHOD WITH FILTERING

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV229159292US**

Respectfully submitted,

Date of Deposit **08/22/03**

William R. Haas, et al

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By James K. Dawson

By Christina Nicoll
Typed Name: Christina Nicoll

James K. Dawson

Attorney/Agent for Applicant(s)
Reg. No. **41,701**

Date: **08/22/03**

PATENT APPLICATION

Sheet 1 of 2

FORM PTO-1449		ATTY. DOCKET NO. 100203059-1	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		APPLICANT William R. Haas, et al		
(Use several sheets if necessary)		FILING DATE	GROUP	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	6,414,760	July 2, 2002	Lopez et al	
1B				
1C				
1D				
1E				
1F				
1G				
1H				
1I				
1J				
1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Michael Elad and Arie Feuer, Restoration of a Single Superresolution Image from Several Blurred, Noisy, and Undersampled Measured Images, December 1997, IEEE Transactions on Image Processing, Vol. 6 No. 12, p1646-1658.
1R	Norio Takato, Takashi Kurokawa, and Yuzo Katayama, Tapered Fiber-Optic Sheet Formation and Its Image-Guiding Properties, 15 April 1981/Vol.20.No.8/Applied Optics, p1397-1402.
1S	K. Douglas Gennetten and Michael J. Steinle, Designing a Scanner with Color Vision, August 1993, Pages 1 of 6.

EXAMINER

DATE CONSIDERED

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1L					
1M					
1N					
1O					
1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Christopher D. Watkins, Alberto Sadun and Stephen Marenka, Modern Image Processing: Warping, Morphing, and Classical Techniques, 1993 Academic Press, Inc., p99-102.
1R	
1S	

EXAMINER

DATE CONSIDERED